GOVERNMENT OF INDIA
COAL AND MINES
LOK SABHA

UNSTARRED QUESTION NO:3421
ANSWERED ON:06.08.2002
REPAIR OF MACHINES FROM PRIVATE MANUFACTURERS UNDER NCL
BALIRAM

Will the Minister of COAL AND MINES be pleased to state:

(a): the norms for repairing of machines under NCL :

(b): whether these norms are adhered to by the Department;

(c): if so, the reasons for getting the repair of machines done from the private local manufacturers especially in respect of Saraswati Drug Line machine alongwith payments made therefor during the last two years;

(d): whether the Government have conducted an inquiry in this regard; and

(e): if so, the details thereof and the action taken against the officers responsible for the same?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF COAL & MINES AND MINISTER OF STATE IN THE MINISTRY OF LAW JUSTICE (SHRI RAVI SHANKAR PRASAD)

(a) & (b): In order to maintain un-interrupted supply of coal to power houses, the machines in NCL, especially Heavy Earth Moving Machines (HEMM) are maintained through out the year. There are norms fixed for periodical maintenance (time based and working hour based), preventive / predictive maintenance. Besides, there are need based minor and major repair/rehabilitation of HEMM. Periodical norms of maintenance is indicated by the equipment manufacturer and varies from model to model. Preventive / predictive maintenance norms also vary from model to model. Major repair/rehabilitation is taken up when the equipment has completed 50% of the life in terms of working hours. The above norms are being adhered to by NCL. The board is informed of the progress of the major repair/rehabilitation of the Heavy Earth Moving Machines on regular basis as the maintenance of highly productive equipment is of prime importance for production and despatches to the neighbouring thermal power stations of National Thermal Power Corporation (NTPC) / Uttar Pradesh Rajya Vidyut Utapadan Nigam Limited (UPRVUNL).

(C): The rehabilitation of the Saraswati dragline was done departmentally by procurement of spares from Original Equipment Manufacturer (OEM)/Original Manufacturer(OM). The entire refurbishment work was done departmentally, under the supervision and technical assistance of M/s. Bucyrus Erie (original equipment manufacturer) and M/s. BEML (A Government of India undertaking) who are the manufacturing partner in India of the M/s. Bucyrus Erie.

In order to compress the repair/downtime, only some miscellaneous jobs like machining, denting and painting, welding etc. were got done from local agencies following the laid down procedures, rules and regulations of the company.

The total expenditure on refurbishment of Saraswati Dragline is as follows:-

1. Value of spares utilised (Procured from OEM/OM)	Rs. 1466 Lakhs
2. Value of work off-loaded to OEM (for base machining)	Rs. 13.59 Lakhs
3. Expenditure on Iron & Steel (Procured from SAIL), electrode from accredited manufacturer, tools, BG sleepers & insurance etc.	Rs. 52.30 Lakhs

4. Value of work of-loaded to local experienced and accredited repairer	Rs. 53.13 Lakhs
(Following laid down procedure of the company)	
Total Expenditure	Rs. 1585.02 Lakhs
5. Total value of the bills processed, till date for the work off-loaded to local experienced and accredited repairer.	Rs. 43.03 Lakhs
6.Total value of payment made till date against Sl.No. 5	Rs. 31.65 Lakhs

Saraswati Dragline had worked for 92981 hours upto 17.04.2002 which was more than 50% of its rated working life of 1,20,000 hours. Normally, rehabilitation of HEMM is done when the cost of such rehabilitation does not exceed 35% of the cost of new machine. In case of Saraswati Dragline, the total expenditure on refurbishment was Rs. 15.85 crores. The present cost of Dragline of this size is around Rs. 80 crores. The cost of refurbishment thus works out to 19.8% of the cost of the machine which is well within the norm for taking up refurbishment work.

The repairs done on Saraswati Dragline during the last two years from outside local agencies is 'Nil'.

(d): The enquiry is not required in view of reply give to parts (a) to (c) above.

(e): Not applicable in view of reply given to part (d) above.